

- 1. Barricade shown to be placed on roadway shall be on a moveable assembly. Sign to be mounted on barricades shall be mounted with the sign bottom on the top of the top barricade bar. Sign shown to be placed on the roadway shall be placed on skid mounted assemblies.
- The speed limit shall be re-established. The exact speed limit shall be determined in the field, dependent on location and conditions.
- 3. The reduced speed limit shall be determined dependent on the in place speed limit before construction. The speed limit reduction should not exceed 10 MPH 10. below the existing speed limit, unless the design speed of the work zone feature has been reduced below the 10 MPH. In this case, the speed limit reduction shall not exceed 30 MPH. Where speed limits are to be reduced more than 30 MPH, a second speed limit sign shall be installed with the desired speed reduction but shall not exceed 30 MPH. The second speed limit sign shall be placed at 1/2 B.
- When warning signs are used in urban areas and the signs are not portable, flags shall be installed. The flags shall be 24 inches square, mounted perpendicular to the edges of the diamond sign, and at such a distance above the edge so that when the flag is limp it will not touch the sign. Rural areas will not require flags.
- Existing speed limit signs within a reduced speed zone shall be covered.
- 6. Sign no. R2-1-48, R2-1a-24, R4-1-48, W22-8-48, W20-52-54, and W8-12-48 shall be placed just after all important intersections and every five miles in either direction. Sign no W8-12-48 shall be placed when traffic volumes are 750 ADT or less. No short term markings are placed when this condition exists.

- 7. The contractor has the option of using portable sign supports in lieu of post mounted sign as shown on the standard drawings as specified in section 704.03 C.
- Type H construction sign traffic control shall have the speed limit signs covered or removed once the loose aggregate has been removed.
- The contractor shall install the G20-1b-60 sign when work is suspended for winter.

The layouts show the signs needed before work begins. The requirements at the actual work areas will require the use of other standards. If the speed limit is reduced in the work areas, the speed limit signs shall have the R2-1a-24 sign placed below.

ADVINOS MADVINO GION ODA	0.7110			
ADVANCE WARNING SIGN SPA	CING			
	Distanc	e Betwee	n Signs	
Road Type		Min. (ft)		
	A	В	С	
Urban - Low Speed (30 mph or less)	150	150	150	
Urban - Low Speed (over 30 to 40 mph)	280	280	280	
Urban - High Speed (over 40 mph to 50 mph)	360	360	360	
Rural - High Speed (over 50 mph to 65 mph)	720	720	720	
Urban Expressway and Freeway				
(55 mph to 60 mph)	850	1350	2200	
Rural Expressway and Freeway				
(70 mph to 75 mph)	1000	1500	2640	
Interstate/4-Lane Divided				
(Maintenance and Surveying)	750	1000	1500	

		KEY		
\vdash	Type I barricade			
\equiv	Type II barricade		Work area	
=	Type III barricade	-	Flagger	
	Sign	∞	Sequencing arrow panel	
•	Delineator drum	п	Type A delineator or vertical panels back to back	
A	Cones			

DEPARTME	NORTH DAKOTA NT OF TRANSPORTATION	This document was
	10-1-86	originally issued
	REVISIONS	and sealed by
DATE	CHANGE	MARK S. GAYDOS,
08-15-96 10-01-99 10-18-01 10-18-01 07-19-02 07-25-03 04-01-04 12-01-04 06-29-05	Revise flag note General revisions Added note 8 & 9 Rev. end road work & speed limit sign Rev. R2-1a & W20-1 Rev. fee sign & worning sign spacing Rev note 3, add note 10 PE Stomp added Added W3-5 to Type H and Type G. Rev. Adv. Warning Table. Rev. Note 3 Corrected sign W3-5	Registration Number PE-4518, on 04/05/06 and the original document is stored at the Nor Dakota Department of Transportation